

Application No.: 09/598,668
Amendment dated: March 9, 2007
Reply to Office Action of: November 9, 2006

IN THE CLAIMS:

Please amend the claims as indicated. A complete set of the claims is included below, reflecting added subject matter (*underlining*) and deleted subject matter (*strikethrough*), as well as the current status of each claim. This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A method of transferring data from a handheld device comprising the steps of:
 - a) forwarding information from an application on said handheld device to an exchange manager on said handheld device, said information having associated therewith a Uniform Resource Locator (URL) string containing an identified transport mechanism for communicating said information and also a destination for said information, said step a) performed by an application resident on said handheld device, said exchange manager configured for converting said information to a stream file;
 - b) in response to said identified transport mechanism of said URL, said exchange manager referencing an exchange library associated with said identified transport mechanism from a plurality of exchange libraries, wherein said exchange library defines a communication protocol for said identified transport mechanism and wherein said exchange manager supports a plurality of communication protocols; and
 - c) communicating said information to a system as a stream file identifiable by an application on a device external to said handheld device, identified by said destination, that is external to said handheld device using said communication protocol, said step c) performed by said identified transport mechanism, said application on said device external to said handheld device performing any necessary format conversion on said stream file, said stream file having a library type and a data type.
2. (Previously Presented) A method as described in Claim 1 wherein said handheld device is a palmtop computer system comprising: a processor coupled to a bus; a memory unit coupled to said bus; a screen coupled to said bus; and a plurality of transport mechanisms.

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3. (Original) A method as described in Claim 1 wherein said plurality of communication protocols comprise: an Internet protocol; an email protocol; an infrared beaming protocol; and a radio frequency protocol.
4. (Original) A method as described in Claim 3 wherein said plurality of communication protocols further comprise a synchronization protocol.
5. (Original) A method as described in Claim 1 wherein said information is a data file.
6. (Original) A method as described in Claim 1 wherein said information is an application program.
7. (Original) A method as described in Claim 1 wherein said step a) comprises the steps of:
 - a1) provided said application does not define said identified transport mechanism, obtaining a URL definition of said identified transport mechanism from a user; and
 - a2) provided said application does not define said destination, obtaining a URL definition of said destination from said user.
8. (Currently Amended) A system for transferring data from a handheld device comprising:
 - a) an application resident on said handheld device, said application for forwarding information to an exchange manager, said information having associated therewith a Uniform Resource Locator (URL) string containing an identified transport mechanism for communicating said information and also a destination for said information, said exchange manager configured for converting said information to a stream file, said application performing any necessary format conversion on said stream file;

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b) in response to said identified transport mechanism of said URL, said exchange manager resident on said handheld device for referencing an exchange library associated with said identified transport mechanism from a plurality of exchange libraries, wherein said exchange library defines a communication protocol for said identified transport mechanism and wherein said exchange manager supports a plurality of communication protocols and comprises a plurality of exchange libraries; and

c) said identified transport mechanism for communicating said information to a system as a stream file identifiable by an application on a device external to said handheld device, identified by said destination, that is external to said handheld device using said communication protocol, said stream file having a library type and a data type.

9. (Previously Presented) A system as described in Claim 8 wherein said handheld device is a palmtop computer system comprising: a processor coupled to a bus; a memory unit coupled to said bus; a screen coupled to said bus; and a plurality of transport mechanisms.

10. (Original) A system as described in Claim 8 wherein said plurality of communication protocols comprise: an Internet protocol; an email protocol; an infrared beaming protocol; and a radio frequency protocol.

11. (Original) A system as described in Claim 10 wherein said plurality of communication protocols further comprise a synchronization protocol.

12. (Original) A system as described in Claim 8 wherein said information is a data file.

13. (Original) A system as described in Claim 8 wherein said information is an application program.

14. (Original) A system as described in Claim 8 wherein said exchange manager is also for obtaining a URL definition of said identified transport mechanism from a user provided said

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application does not define said identified transport mechanism; and wherein said exchange manager is also for obtaining a URL definition of said destination from said user provided said application does not define said destination.

15. (Currently Amended) A method of receiving data by a handheld device comprising the steps of:

- a) receiving a file of information over the Internet from a source external to said handheld device and based on a Uniform Resource Locator (URL) string associated with said file, said file having associated therewith a data type, said step a) performed by said handheld device;
- b) at an exchange manager, creating a universal stream file of said file, wherein said stream file indicates a data type of said file;
- c) in response to said stream file being received, said exchange manager resident on said handheld device identifying an application for said stream file based on said data type of said file and an application registry, said stream file having a library type and a data type;
- d) said application resident on said handheld device converting a data format of said file to a format specific to said application, said application performing any necessary format conversion on said stream file; and
- e) storing said file in memory and associating said file with a dataset associated with said application.

16. (Original) A method as described in Claim 15 wherein said handheld device is a palmtop computer system comprising: a processor coupled to a bus; a memory unit coupled to said bus; a screen coupled to said bus; and a plurality of communication mechanisms.

17. (Original) A method as described in Claim 15 wherein said exchange manager supports a plurality of communication protocols comprising: an Internet protocol; a file transfer protocol; and an email protocol.

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18. (Original) A method as described in Claim 17 wherein said plurality of communication protocols further comprise a synchronization protocol.
19. (Original) A method as described in Claim 15 wherein said file is a data file.
20. (Original) A method as described in Claim 15 wherein said file is an application program.
21. (Original) A method as described in Claim 15 wherein step a) comprises the steps of obtaining an application identification from a user provided said file does not identify an application.